

RAW SEQUENCE LISTING

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Application Serial Number: 10/647848
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/667,868

DATE: 11/30/2004

TIME: 15:09:32

Input Set : N:\Crf3\RULE60\10667868.raw
 Output Set: N:\CRF4\11302004\J667868.raw

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1 <110> APPLICANT: Patten, Phillip
2     Stemmer, Willem P.C.
3 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING
4 <130> FILE REFERENCE: 02-020501US
5 <140> CURRENT APPLICATION NUMBER: US/10/667,868
6 <141> CURRENT FILING DATE: 2003-09-22
7 <150> PRIOR APPLICATION NUMBER: US/09/339,926
8 <151> PRIOR FILING DATE: 1999-06-24
9 <150> PRIOR APPLICATION NUMBER: 08/769,062
10 <151> PRIOR FILING DATE: 1996-12-18
11 <150> PRIOR APPLICATION NUMBER: 08/198,431
12 <151> PRIOR FILING DATE: 1994-02-17
13 <150> PRIOR APPLICATION NUMBER: 08/425,684
14 <151> PRIOR FILING DATE: 1995-04-18
15 <150> PRIOR APPLICATION NUMBER: 08/537,874
16 <151> PRIOR FILING DATE: 1995-10-30
17 <160> NUMBER OF SEQ ID NOS: 101
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
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22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
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34 <220> FEATURE:
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43 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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54 <220> FEATURE:
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57 <400> SEQUENCE: 4
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61 <211> LENGTH: 40
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63 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
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66      oligonucleotide used for codon usage library
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74 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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83 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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88 <211> LENGTH: 60
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91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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95      caccccgatc gctatctttt cyttagcdtc yacyggycy ctggttccgg ttgaagagga 60
96 <210> SEQ ID NO: 9
97 <211> LENGTH: 60

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125 <220> FEATURE:
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135 <220> FEATURE:
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142 <211> LENGTH: 60
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:

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Input Set : N:\Crf3\RULE60\10667868.raw
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156 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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168 <400> SEQUENCE: 15
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171 <210> SEQ ID NO: 16
172 <211> LENGTH: 60
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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181 <210> SEQ ID NO: 17
182 <211> LENGTH: 60
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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188 <400> SEQUENCE: 17
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191 <210> SEQ ID NO: 18
192 <211> LENGTH: 60
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
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198 <400> SEQUENCE: 18
199 acatcgacgt tatcctgggt ggyggycgya artayatgtt cccgggtt accccggacc 60
201 <210> SEQ ID NO: 19
202 <211> LENGTH: 60
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
207 oligonucleotide used for codon usage library
208 <400> SEQUENCE: 19
209 tctgttaacg gtgttcgtaa rcgyaarcar aayctggtdc aggcttggca ggctaaacac 60

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Input Set : N:\Crf3\RULE60\10667868.raw
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211 <210> SEQ ID NO: 20
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213 <212> TYPE: DNA
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215 <220> FEATURE:
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219 gaaccgtacc gctctgctgc argcdgcdga ygaytcytct gttaccacc tcatgggtct 60
221 <210> SEQ ID NO: 21
222 <211> LENGTH: 60
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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228 <400> SEQUENCE: 21
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231 <210> SEQ ID NO: 22
232 <211> LENGTH: 60
233 <212> TYPE: DNA
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242 <211> LENGTH: 60
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
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253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
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261 <210> SEQ ID NO: 25
262 <211> LENGTH: 60
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY

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